

## ABSTRACT

A method of manufacturing a composite sheet includes perforating a reinforcement panel. A mold surface onto which the composite sheet may be formed is provided. At least one outer coat of material is applied onto the mold surface. At  
5 least one coat of resin and reinforcement material is applied over the outer coat to form a reinforcement layer. The perforated reinforcement panel is applied to the reinforcement layer, and the resin is forced into the perforations formed in the reinforcement panel, thereby bonding the reinforcement layer to the reinforcement panel.